

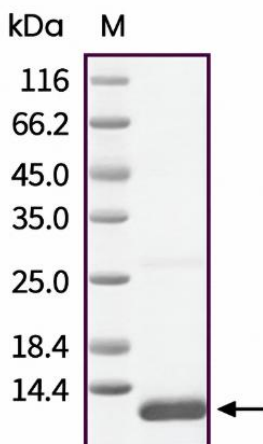
SPECIFICATION SHEET

Product Name: Gad c 1
Catalog # GC01-A25H

Product Description: Recombinant *Gadus morhua* allergen Gad c 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names	: Codfish allergen M, β -parvalbumin
Source	: <i>Gadus morhua</i> (baltic cod)
Accession Numbers	: Genbank: P02622 UniProt: P02622
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, pH 7.5
Molecular Weight	: Calculated: 13.1 kDa Observed: ~13.0 kDa
Purity	: The purity was determined to be $\geq 90\%$ by densitometry
Gel Image	



References

1. Bugajska-Schretter A et al. Parvalbumin, a cross-reactive fish allergen, contains IgE-binding epitopes sensitive to periodate treatment and Ca^{2+} depletion. J Allergy Clin Immunol. 1998 Jan;101(1 Pt 1):67-74.
2. hien Van Do, et al. Characterization of parvalbumin, the major allergen in Alaska pollack, and comparison with codfish Allergen M. Molecular Immunology, 2005 42(3):345-353.

Version: 1.0